

SPYWOLF

Security Audit Report



Audit prepared for

NeverLetGo.Al

Completed on

April 26, 2024

T

KEY RESULTS

| Cannot mint new tokens | Passed |
|--|--------|
| Cannot pause trading (honeypot) | Passed |
| Cannot blacklist an address | Passed |
| Cannot raise taxes over 25%? | Passed |
| No proxy contract detected | Passed |
| Not required to enable trading | Passed |
| No hidden ownership | Passed |
| Cannot change the router | Passed |
| No cooldown feature found | Passed |
| Bot protection delay is lower than 5 blocks | Passed |
| Cannot set max tx amount below 0.05% of total supply | Passed |
| The contract cannot be self-destructed by owner | Passed |

For a more detailed and thorough examination of the heightened risks, refer to the subsequent parts of the report.

N/A = Not applicable for this type of contract

*Only new deposits/reinvestments can be paused





OVERVIEW

This goal of this report is to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -







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NEVER LET GO



PROJECT DESCRIPTION

According to their website:

Neverletgo.ai is a blockchain-powered adult entertainment platform designed to offer a unique user experience. Users can chat and interact with dream companions. Users can also opt to BECOME the characters complete with personal pages.

Release Date: Launched at April 24th, 2024

Category: Adult/Al



\$NLG Governance Token

Token Name

Symbol

NeverLetGo

NLG

Contract Address

0xDd55C9FA0125aecB042dC544518117E4c6F31400

Network

Binance Smart Chain

Language Solidity

Deployment Date

Apr 24, 2024

Contract Type

Token without taxes

Total Supply

100,000

Status

Launched

TAXES

Buy Tax **none** Sell Tax none



Our Contract Review Process

The contract review process pays special attention to the following:

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- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat

^{*}Taxes cannot be changed



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VULNERABILITY ANALYSIS

| ID | Title | |
|---------|--------------------------------------|--------|
| SWC-100 | Function Default Visibility | Passed |
| SWC-101 | Integer Overflow and Underflow | Passed |
| SWC-102 | Outdated Compiler Version | Passed |
| SWC-103 | Floating Pragma | Passed |
| SWC-104 | Unchecked Call Return Value | Passed |
| SWC-105 | Unprotected Ether Withdrawal | Passed |
| SWC-106 | Unprotected SELFDESTRUCT Instruction | Passed |
| SWC-107 | Reentrancy | Passed |
| SWC-108 | State Variable Default Visibility | Passed |
| SWC-109 | Uninitialized Storage Pointer | Passed |
| SWC-110 | Assert Violation | Passed |
| SWC-111 | Use of Deprecated Solidity Functions | Passed |
| SWC-112 | Delegatecall to Untrusted Callee | Passed |
| SWC-113 | DoS with Failed Call | Passed |
| SWC-114 | Transaction Order Dependence | Passed |
| SWC-115 | Authorization through tx.origin | Passed |
| SWC-116 | Block values as a proxy for time | Passed |
| SWC-117 | Signature Malleability | Passed |
| SWC-118 | Incorrect Constructor Name | Passed |





VULNERABILITY ANALYSIS

| ID | Title | |
|---------|---|--------|
| SWC-119 | Shadowing State Variables | Passed |
| SWC-120 | Weak Sources of Randomness from Chain Attributes | Passed |
| SWC-121 | Missing Protection against Signature Replay Attacks | Passed |
| SWC-122 | Lack of Proper Signature Verification | Passed |
| SWC-123 | Requirement Violation | Passed |
| SWC-124 | Write to Arbitrary Storage Location | Passed |
| SWC-125 | Incorrect Inheritance Order | Passed |
| SWC-126 | Insufficient Gas Griefing | Passed |
| SWC-127 | Arbitrary Jump with Function Type Variable | Passed |
| SWC-128 | DoS With Block Gas Limit | Passed |
| SWC-129 | Typographical Error | Passed |
| SWC-130 | Right-To-Left-Override control character (U+202E) | Passed |
| SWC-131 | Presence of unused variables | Passed |
| SWC-132 | Unexpected Ether balance | Passed |
| SWC-133 | Hash Collisions With Multiple Variable Length Arguments | Passed |
| SWC-134 | Message call with hardcoded gas amount | Passed |
| SWC-135 | Code With No Effects | Passed |
| SWC-136 | Unencrypted Private Data On-Chain | Passed |

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VULNERABILITY ANALYSIS NO ERRORS FOUND





MANUAL CODE REVIEW

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time.

We categorize these vulnerabilities by 4 different threat levels.

THREAT LEVELS

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance, functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.

04



High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

△ Low Risk

No low risk-level threats found in this contract.



Informational

Contract's deployer can withdraw token balances via the withdrawRemainingAllocation() for up to 50,000 tokens. Withdrawable amount increases with 137 tokens each 24 hours.

Note:

Contract's token balances can be withdrawn at any time as the function does not check how many withdrawals should occur per day.

```
function withdrawRemainingAllocation() external onlyDeployer {
    require(_remainingAllocation > 0, "NLGToken: no remaining allocation left");

    // Calculate the rate of tokens released per second
    uint256 tokensPerSecond = uint256(137 * 10**18) / (24 * 60 * 60); // 137 tokens released every 24 hours

    // Calculate the amount of tokens to release based on elapsed time
    uint256 elapsedSeconds = block.timestamp - _vestingStartTime;
    uint256 tokensToRelease = elapsedSeconds * tokensPerSecond;

    // Ensure the amount to release does not exceed the remaining allocation
    tokensToRelease = min(tokensToRelease, _remainingAllocation);

    // Update remaining allocation and transfer tokens to the deployer
    _remainingAllocation -= tokensToRelease;
    _transfer(address(this), _deployer, tokensToRelease);

emit WithdrawRemainingTokens(tokensToRelease);
}
```

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Informational

Contract's deployer can withdraw token balances via withdrawOwnerAllocation() for up to 10,000 tokens.
Up to 1667 tokens can be withdrawn for 3 month period, at least 3 months after contract's initial deployment date.

```
function withdrawOwnerAllocation() external onlyDeployer {
   require(_ownerAllocation > 0, "NLGToken: no owner allocation left");
   uint256 elapsedSeconds = block.timestamp - _vestingStartTime;
   uint256 threeMonthsInSeconds = 90 days; // 90 days in seconds
   require(elapsedSeconds >= threeMonthsInSeconds, "NLGToken: 90-day cliff has not passed yet");
   uint256 elapsedDaysAfterCliff = (elapsedSeconds - threeMonthsInSeconds) / 1 days;
   uint256 numberOfPeriods = elapsedDaysAfterCliff / 90;
   uint256 tokensAvailable = numberOfPeriods * 1667 * 10**18; // 6 quarters of vesting
   uint256 tokensToRelease = tokensAvailable - _tokensClaimed;
   require(tokensToRelease > 0, "NLGToken: no tokens available for release");
   tokensToRelease = min(tokensToRelease, _ownerAllocation);
    _tokensClaimed += tokensToRelease;
   _ownerAllocation -= tokensToRelease;
    _transfer(address(this), _deployer, tokensToRelease);
    emit WithdrawOwnerTokens(tokensToRelease);
```



\$UWU Utility Token

Token Name

Affection Token

Symbol

UwU

Contract Address

0xB8A418cD5920514809a53E86731B1067217E0B2d

Network

Binance Smart Chain

Contract Type

Language

Solidity

Apr 24, 2024

Deployment Date

Token with taxes

Total Supply 100,000,000

Launched

Status

TAXES

Buy Tax **5%**

Sell Tax

5%



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Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat

^{*}Taxes can be changed in future



High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

△ Low Risk

No low risk-level threats found in this contract.



Informational

Owner can set buy and sell fees up to 5%.

Combined buy+sell = 10%.

When fees are above 0, there will be certain amount of tokens that will be deducted from every transaction that users make.

Deducted amount will be as much as the fees % from total amount that user had bought, sold and/or transferred.

```
function setTransferTax(uint256 newTaxRate) external onlyDeployer {
    require(newTaxRate <= 5, "UWUToken: Tax rate must be between 0 and 5 inclusive");
    _transferTax = newTaxRate;
    emit TransferTaxUpdated(newTaxRate);
}</pre>
```

Owner can exclude address from fees.

When address is excluded from fees, the user will receive the whole amount of the bought, sold and/or transferred tokens.

```
function addTaxExemption(address exemptAddress) external onlyDeployer {
    _isTaxExempt[exemptAddress] = true;
    emit TaxExemptionAdded(exemptAddress);
}
```

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Informational

Contract's deployer can withdraw token balances via the withdrawTreasuryAllocation() for up to 20,000,000 tokens. Withdrawable amount increases with 54,000 tokens each 24 hours. Contract's token balances can be withdrawn at any time as the function does not check how many withdrawals should occur per day.

```
address public constant WALLET_TREASURY = 0xEEAC12bc4470ab1C668F042e25128bb27298E93A;
function withdrawTreasuryAllocation() external onlyDeployer {
    require(_treasuryAllocation > 0, "UWUToken: no treasury allocation left");

    // Calculate the rate of tokens released per secon0d
    uint256 tokensPerSecond = uint256(54_000 * 10**18) / (24 * 60 * 60); // 54,000 tokens released every 24 hours

    // Calculate the amount of tokens to release based on elapsed time
    uint256 elapsedSeconds = block.timestamp - _vestingStartTime;
    uint256 tokensToRelease = elapsedSeconds * tokensPerSecond;

    // Ensure the amount to release does not exceed the treasury allocation
    tokensToRelease = min(tokensToRelease, _treasuryAllocation);

    // Update treasury allocation and transfer tokens to the deployer
    _treasuryAllocation -= tokensToRelease;
    _transfer(address(this), WALLET_TREASURY, tokensToRelease);

emit WithdrawTreasuryTokens(tokensToRelease);
}
```





1 Informational

Contract's deployer can withdraw token balances via withdrawTeamAllocation() for up to 10,000,000 tokens.
Up to 1,666,666 tokens can be withdrawn for 3 month period, at least 3 months after contract's initial deployment date.

```
function withdrawTeamAllocation() external onlyDeployer {
   require(_teamAllocation > 0, "UWUToken: no team allocation left");
   uint256 elapsedSeconds = block.timestamp - _vestingStartTime;
   uint256 threeMonthsInSeconds = 90 days; // 90 days in seconds
   require(elapsedSeconds >= threeMonthsInSeconds, "UWUToken: 90-day cliff has not passed yet");
   uint256 elapsedDaysAfterCliff = (elapsedSeconds - threeMonthsInSeconds) / 1 days;
   uint256 numberOfPeriods = elapsedDaysAfterCliff / 90;
   uint256 tokensAvailable = numberOfPeriods * 1666666 * 10**18;
   uint256 tokensToRelease = tokensAvailable - tokensClaimed;
   require(tokensToRelease > 0, "UWUToken: no tokens available for release");
   tokensToRelease = min(tokensToRelease, teamAllocation);
   _tokensClaimed += tokensToRelease;
   teamAllocation -= tokensToRelease;
   _transfer(address(this), _deployer, tokensToRelease);
   emit WithdrawTeamTokens(tokensToRelease);
```



\$UwU Airdropper

Token Name

N/A

Symbol

N/A

Contract Address

0x6534fe80DaE274B0b09f72c942C0daEF62A39e1E

Network

Binance Smart Chain

Contract Type

Apr 24, 2024

Deployment Date

Airdropper

Language

Solidity

Total Supply

N/A

Status

Launched

TAXES

Buy Tax **none** Sell Tax none



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- Mythril
- Solidity Compiler
- Hardhat

^{*}Taxes can be changed in future



High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

Low Risk

No low risk-level threats found in this contract.



Informational

Owner can create airdrops for any amounts to any addresses.

```
function createAirdrop(uint256[] memory _amounts, address[] memory _recipients) external onlyOwner {
    require(_amounts.length == _recipients.length, "Mismatch between amounts and recipients");

    uint256 airdropId = nextAirdropId++;
    for (uint256 i = 0; i < _recipients.length; i++) {
        airdrops[airdropId][_recipients[i]] = _amounts[i];
    }

    emit AirdropCreated(airdropId);
}</pre>
```

Users that have valid airdrops can claim them via the claim() function for up to treasury wallet's balances.

Note: If user's mapped airdrop exceeds the balances of the treasury wallet, they won't be able to claim their airdrop.

```
function claim(uint256 _airdropId) external {
    require(airdrops[_airdropId][msg.sender] > 0, "No airdrop to claim");
    require(!claimed[_airdropId][msg.sender], "Already claimed");

    uint256 amount = airdrops[_airdropId][msg.sender];
    uint256 currentAllowance = UWU.allowance(WALLET_TREASURY, address(this));
    uint256 treasuryBalance = UWU.balanceOf(WALLET_TREASURY);

    require(currentAllowance >= amount, "Insufficient allowance");
    require(treasuryBalance >= amount, "Insufficient balance in treasury");

    claimed[_airdropId][msg.sender] = true;

// Use transferFrom to move tokens from the treasury wallet to the claimant
    UWU.transferFrom(WALLET_TREASURY, msg.sender, amount);

emit Claimed(_airdropId, msg.sender, amount);
}
```

09-B

\$NGL Staking

Token Name

N/A

Symbol

N/A

Contract Address

0xCC7c504d61F2e40fE8818F08048abD197d9Ad5c1

Network

Binance Smart Chain

Contract Type

Apr 24, 2024

Deployment Date

Staking

Language

Solidity

Total Supply

N/A

Status

Launched

TAXES

Buy Tax **none**

Sell Tax none



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Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat

^{*}Taxes can be changed in future



High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

Low Risk

No low risk-level threats found in this contract.



Informational

Users can unstake their staked amount at any time.

Note: If large number of users exists into the stakerAddresses mapping, the necessary gas for iterations through the array can exceed the max gas limit allowed for block (block size). If that happens, transaction will revert and user will be unable to unstake.

Max gas limit for block can vary between different EVMs (eg. current gas limits per block at time of this audit -> BSC - 140M, ETH - 30M).

Consider using external instead of public modifier for gas savings and/or implement different gas efficient mechanism for users tracking.

https://ethereum.stackexchange.com/questions/19380/external-vs-public-best-practices/19391#19391

11-B

Team NFTs

Token Name

TeamNFT

Symbol

TNFT

Contract Address

0xbba78e478659f8ec2FC2d979aebC0421430A1A24

Network

Binance Smart Chain

Contract Type

Language

Solidity

Apr 22, 2024

Deployment Date

NFT

Status

Total Supply

Launched

210

TAXES

Buy Tax **none** Sell Tax none



Our Contract Review Process

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- Mythril
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- Hardhat

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High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

Low Risk

No low risk-level threats found in this contract.



Informational

NFTs are minted on contract deploying by the deployer.

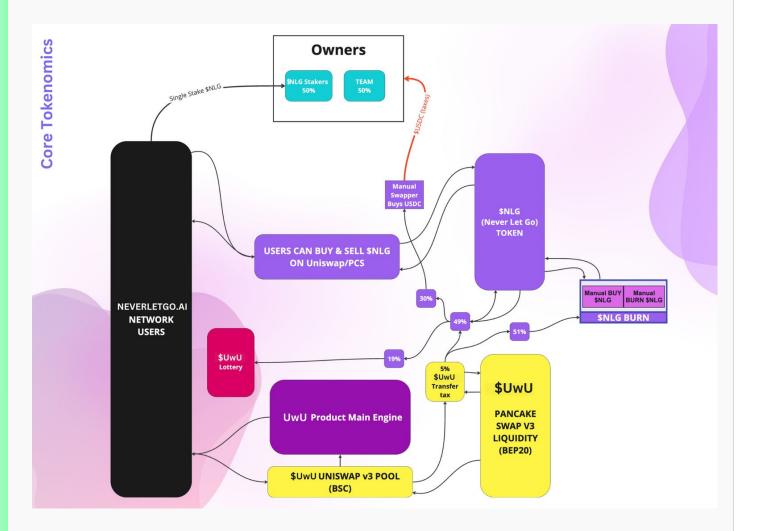
```
constructor(
   address[] memory _wallets,
   uint256[] memory _quantities,
   string[] memory _uris,
   uint256[] memory _tokenIds
) ERC1155("") {
   for (uint256 i = 0; i < _wallets.length; i++) {
      tokenURIs[_tokenIds[i]] = _uris[i];
      _mintAndUpdateHolders(_wallets[i], _tokenIds[i], _quantities[i], "");
   }
}</pre>
```

13-B



The following tokenomics are based on the project's whitepaper and/or website:

- 50% NGL Stakers
- 50% Team



https://neverletgo-ai.gitbook.io/whitepaper/neverletgo.ai-core-tokenomics

SPYWOLF.CO





Website URL

https://neverletgo.ai/

Domain Registry

https://www.namecheap.com

Domain Expiration

Technical SEO Test

Passec

Security Test

Passed. SSL certificate present

Design

Nice overall design with appropriate color scheme and graphics.

Content

Informative content. Users can understand what the project is about right away.

Whitepaper

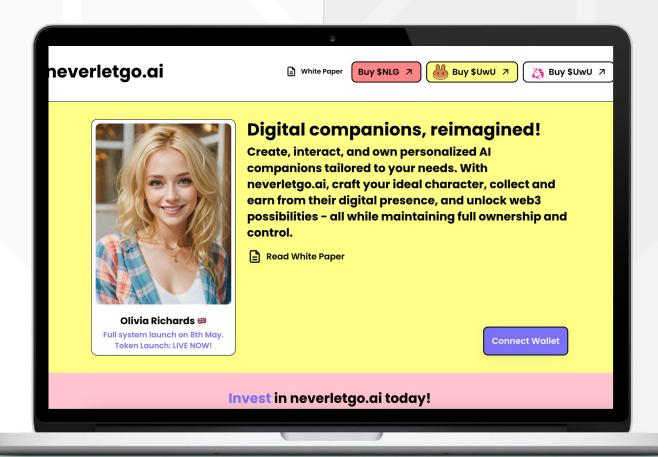
Well written, explanatory.

Roadmap

No

Mobile-friendly?

Yes



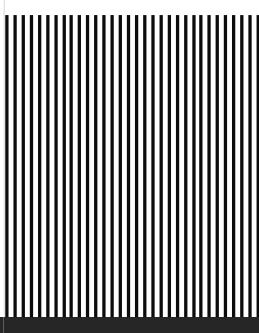
neverletgo.ai

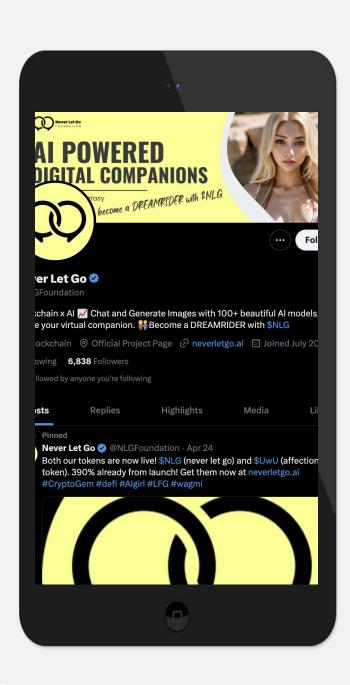
F

SOCIAL MEDIA

& ONLINE PRESENCE

ANALYSIS
Social media presence is new but active.







Twitter's X

@NLGFoundation

- 7,256 followers
- Responds to comments
- Daily posts



Telegram

 $@{\sf NLGFoundationChannel}\\$

- 2, 144 subscribers
- Posts frequently



Discord

invite/TfEukaPhmN

- 4,525 members
- Active community



Medium

Not available



SPYWOLF CRYPTO SECURITY

Audits | KYCs | dApps Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 700 SUCCESSFUL CLIENTS
- ✓ MORE THAN 1000 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
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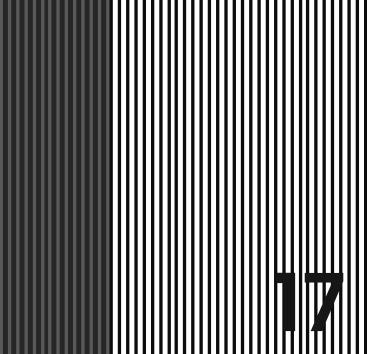
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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.



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